

IN THE CLAIMS:

Please add new claims 45-69, as follows:

Sub F3
45. (New) A method for treating a heart valve, comprising:
altering a geometry of a heart chamber so as to at least one of
alter at least a portion of an annulus of the valve;
alter a position of at least one papillary muscle associated with the valve; and
draw together leaflets of the valve.

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46. (New) The method of claim 45, wherein altering the geometry of the
chamber includes extending at least a portion of at least one elongate member within
the chamber and anchoring an end of the at least one elongate member to one of a wall
surrounding the heart chamber and a papillary muscle in the chamber.

47. (New) The method of claim 46, wherein altering the geometry of the
heart chamber further includes anchoring another end of the elongate member
proximate the annulus of the valve.

48. (New) The method of claim 46, wherein the at least one elongate member
includes a tension member.

49. (New) The method of claim 46, wherein the at least one elongate member
includes a plurality of elongate members.

50. (New) The method of claim 45, wherein the valve is a mitral valve.

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51. (New) The method of claim 45, wherein the heart chamber is the left ventricle.

52. (New) The method of claim 45, wherein altering the geometry of the heart chamber includes drawing together leaflets of the valve so as to promote closure of the valve.

53. (New) The method of claim 45, wherein altering the geometry of the heart chamber includes altering at least one of a transverse radial dimension and vertical dimension of the heart chamber during at least a portion of the cardiac cycle.

54. (New) The method of claim 53, wherein altering at least one of the transverse radial dimension and vertical dimension includes reducing at least one of the transverse radial dimension and vertical dimension.

55. (New) The method of claim 45, wherein altering the position of at least one papillary muscle associated with the valve includes drawing the papillary muscle toward the valve.

56. (New) The method of claim 45, wherein altering the geometry of the heart chamber includes positioning a device with respect to the heart such that a portion of the device contacts heart structure other than structure of the heart valve.

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57. (New) The method of claim 56, wherein the structure of the heart valve includes leaflets, chordae, an annulus, and papillary muscles.

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58. (New) A method of treating a heart valve, the method comprising:
positioning a device with respect to a heart such that a portion of the device contacts and alters a geometry of structure other than structure of the heart valve so as to at least one of
alter at least a portion of an annulus of the valve;
alter a position of at least one papillary muscle associated with the valve;
and
draw together leaflets of the valve.

59. (New) The method of claim 58, wherein positioning the device includes extending at least a portion of at least one elongate member within a chamber of the heart and anchoring an end of the at least one elongate member to one of a wall surrounding the heart chamber and a papillary muscle in the chamber.

60. (New) The method of claim 59, wherein positioning the device further includes anchoring another end of the elongate member proximate the annulus of the valve.

61. (New) The method of claim 59, wherein the at least one elongate member includes a tension member.

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62. (New) The method of claim 59, wherein the at least one elongate member includes a plurality of elongate members.

63. (New) The method of claim 58, wherein the valve is a mitral valve.

64. (New) The method of claim 58, wherein the heart structure includes a wall of a heart chamber.

65. (New) The method of claim 58, wherein altering the geometry of the heart structure includes drawing together leaflets of the valve so as to promote closure of the valve.

66. (New) The method of claim 58, wherein altering the geometry of the heart structure includes altering at least one of a transverse radial dimension and vertical dimension of a heart chamber during at least a portion of the cardiac cycle.

67. (New) The method of claim 66, wherein altering at least one of the transverse radial dimension and vertical dimension includes reducing at least one of the transverse radial dimension and vertical dimension.

68. (New) The method of claim 58, wherein altering the position of at least one

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